

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025228.D
 Acq On : 02 May 2023 19:47
 Operator : CG/JU
 Sample : 02419-36DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW931DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:30:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	9170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	33888	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	20693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	52196	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.506	240	38738	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	34258	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4399	0.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1603	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	3973	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	10093	0.116	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	7442	0.140	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	5033	0.089	ng/ul	99
10) Acenaphthylene	14.280	152	13533	0.176	ng/ul	94
11) Acenaphthene	14.622	153	9014	0.139	ng/ul	99
12) Fluorene	15.607	166	10519	0.145	ng/ul#	95
15) Phenanthrene	17.348	178	227993	1.547	ng/ul	99
16) Anthracene	17.441	178	51956	0.431	ng/ul	97
19) Fluoranthene	19.369	202	643152	4.591	ng/ul	99
20) Pyrene	19.731	202	620565	4.312	ng/ul	98
21) Benzo(a)anthracene	21.489	228	363103	3.111	ng/ul	97
22) Chrysene	21.544	228	390380	3.066	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	577585m	4.156	ng/ul	
25) Benzo(k)fluoranthene	23.248	252	207133m	1.549	ng/ul	
26) Benzo(a)pyrene	23.848	252	360289	3.133	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.498	276	292369	2.207	ng/ul	95
28) Dibenzo(a,h)anthracene	26.508	278	70019	0.677	ng/ul#	87
29) Benzo(g,h,i)perylene	27.276	276	286371	2.542	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

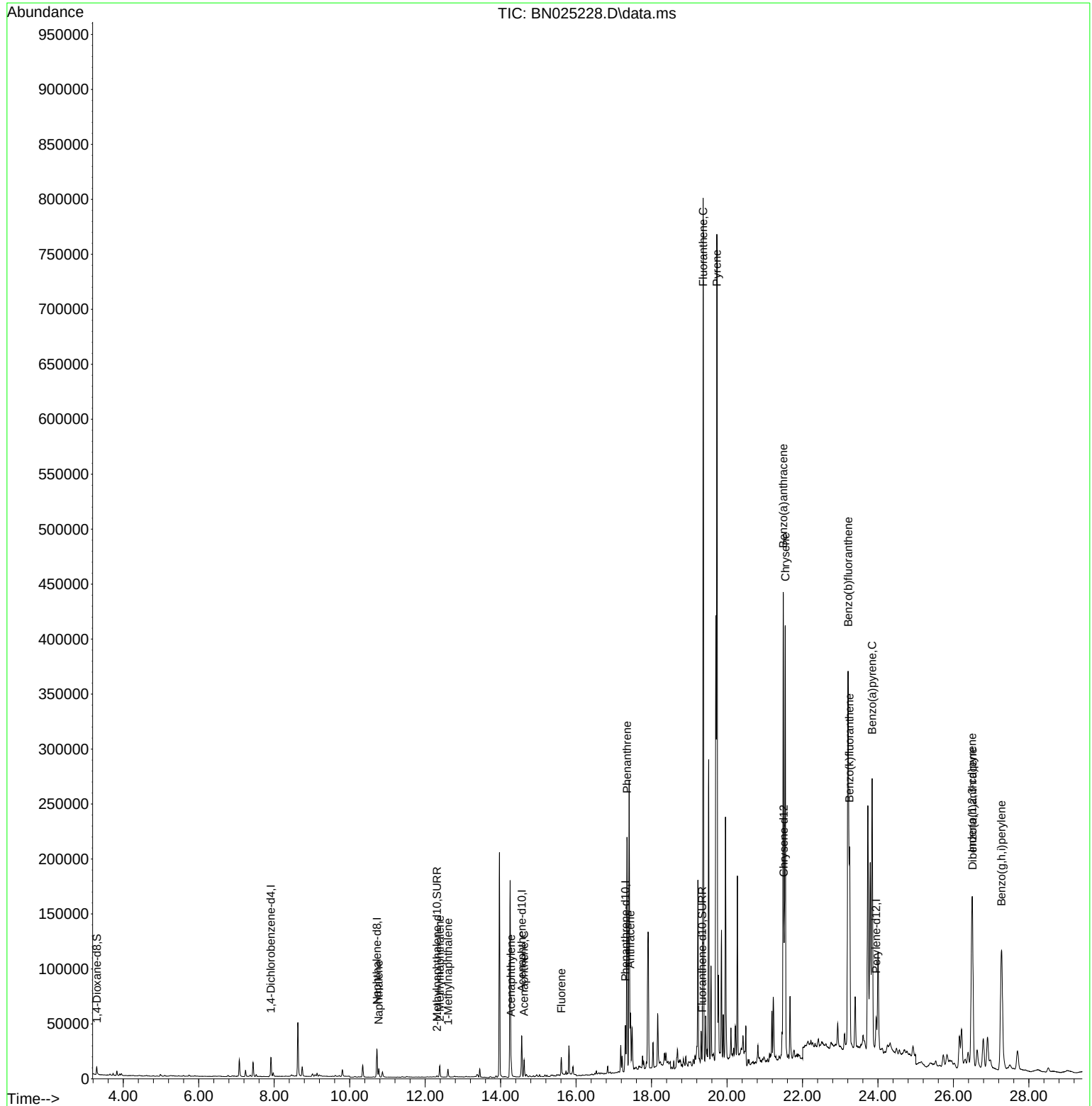
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
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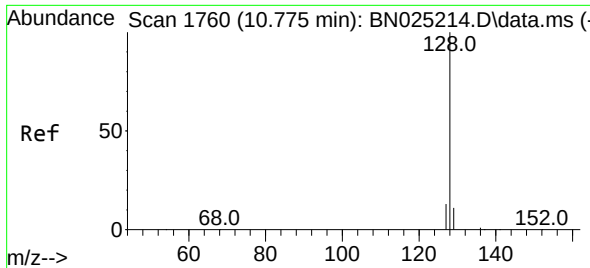
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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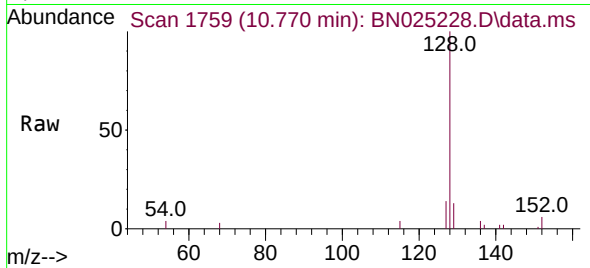
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023





#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.770 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

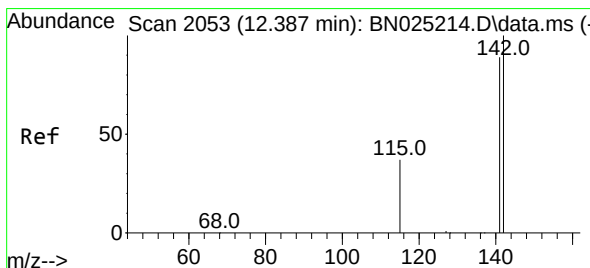
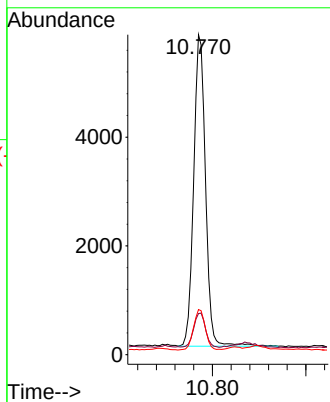
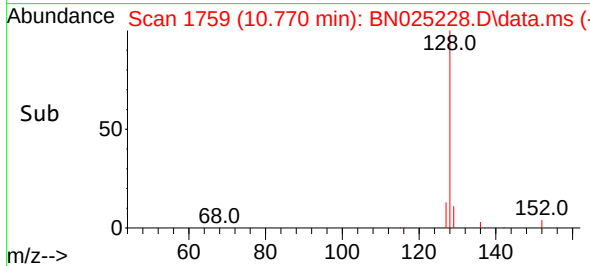
Instrument :
BNA_N
ClientSampleId :
EW931DL



Tgt Ion:128 Resp: 1009
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.6
127 14.1 10.7 16.1

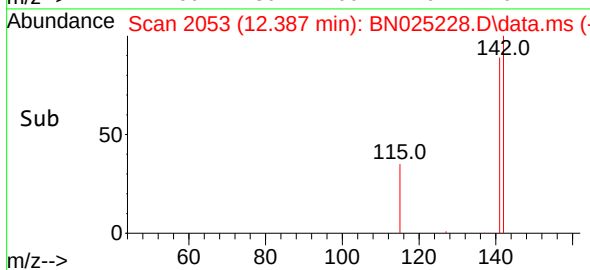
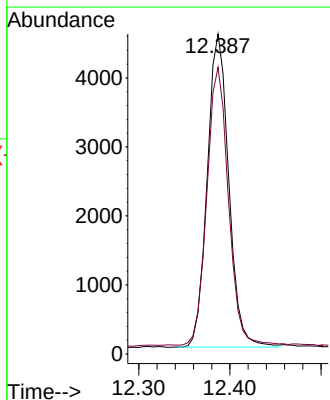
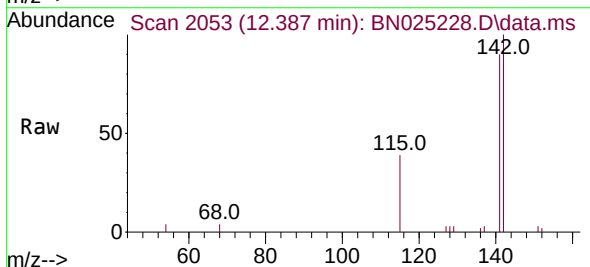
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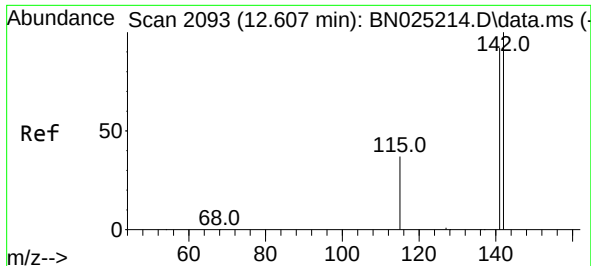
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#7
2-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

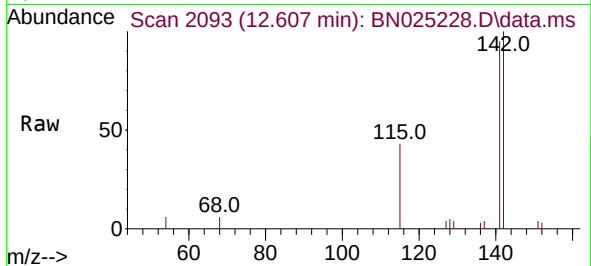
Tgt Ion:142 Resp: 7442
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

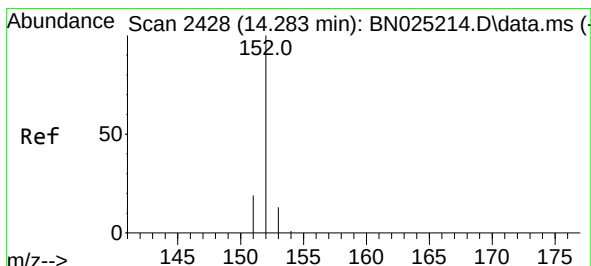
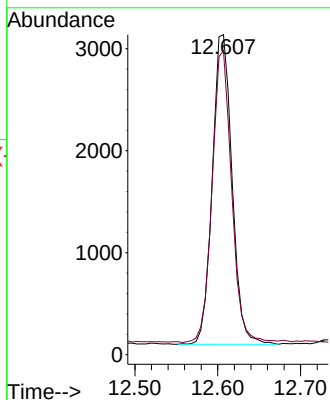
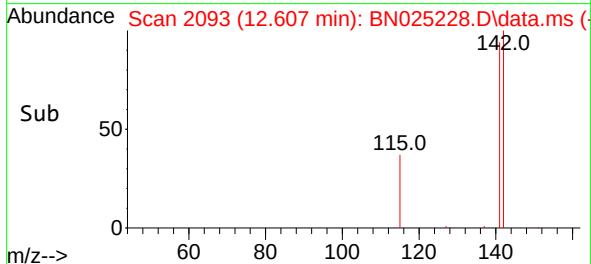
Instrument :
BNA_N
ClientSampleId :
EW931DL



Tgt Ion:142 Resp: 5033
Ion Ratio Lower Upper
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141 93.0 73.8 110.6

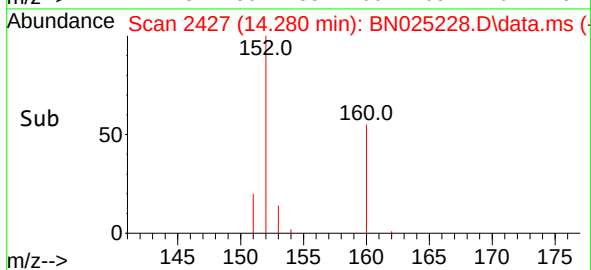
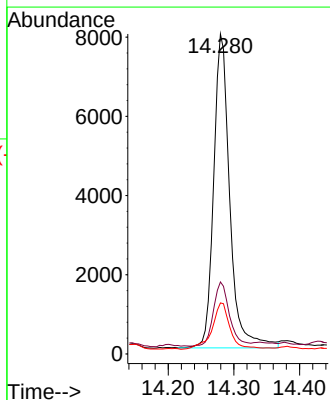
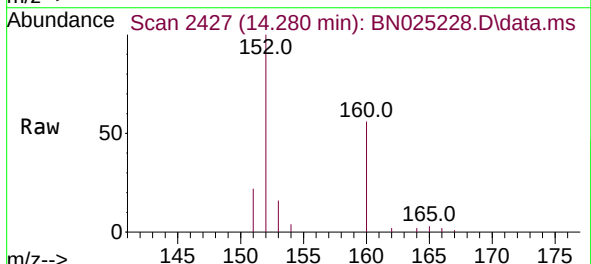
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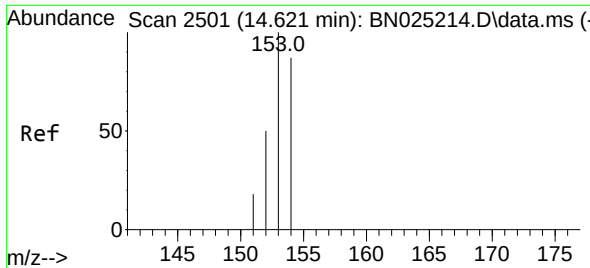
Reviewed By :Christian Giraldo 05/03/2023
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#10
Acenaphthylene
Concen: 0.176 ng/ul
RT: 14.280 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

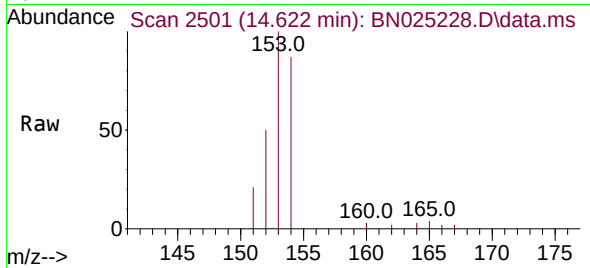
Tgt Ion:152 Resp: 13533
Ion Ratio Lower Upper
152 100
151 22.5 16.0 24.0
153 16.0 10.8 16.2





#11
Acenaphthene
Concen: 0.139 ng/u1
RT: 14.622 min Scan# 2104
Delta R.T. 0.001 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

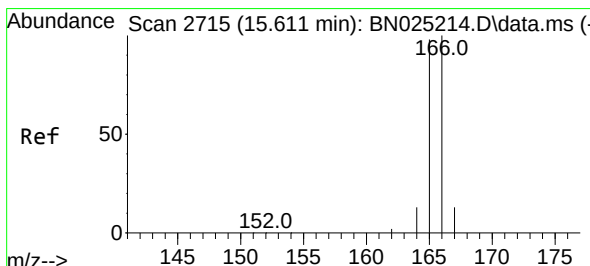
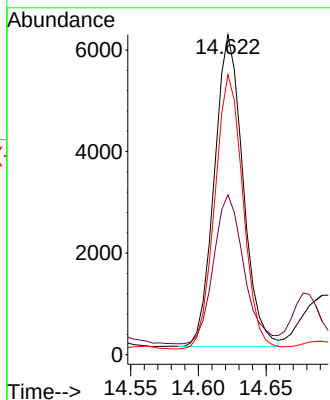
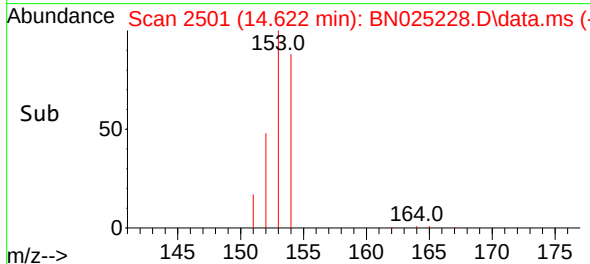
Instrument :
BNA_N
ClientSampleId :
EW931DL



Tgt Ion:153 Resp: 9014
Ion Ratio Lower Upper
153 100
152 50.0 40.2 60.4
154 87.5 69.4 104.2

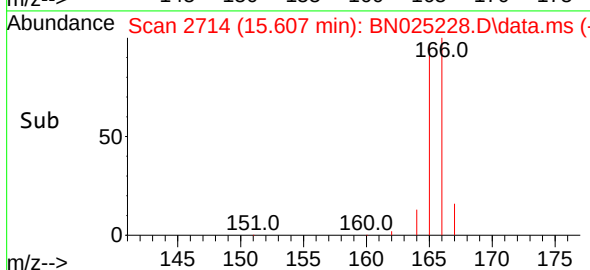
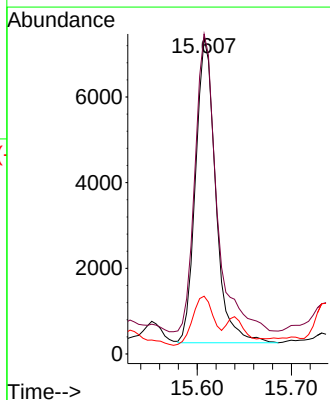
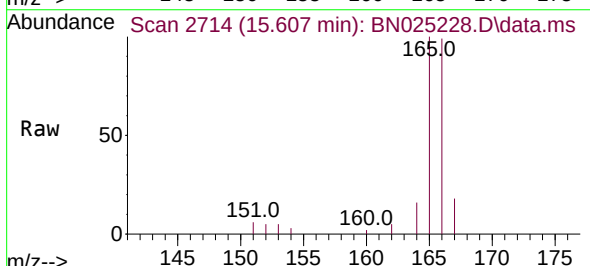
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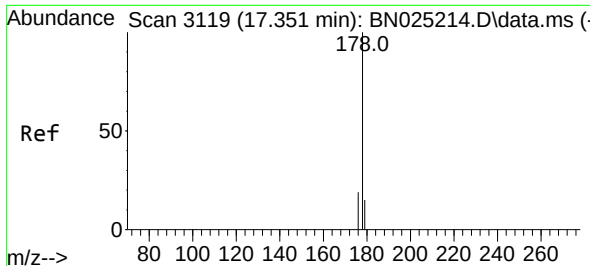
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#12
Fluorene
Concen: 0.145 ng/u1
RT: 15.607 min Scan# 2714
Delta R.T. -0.004 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

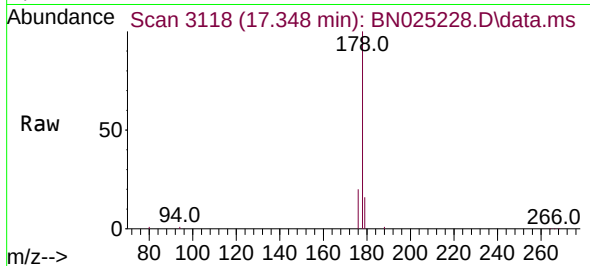
Tgt Ion:166 Resp: 10519
Ion Ratio Lower Upper
166 100
165 101.2 78.1 117.1
167 18.3 11.0 16.6#





#15
Phenanthrene
Concen: 1.547 ng/ul
RT: 17.348 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

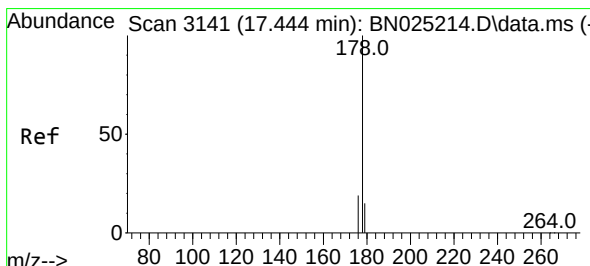
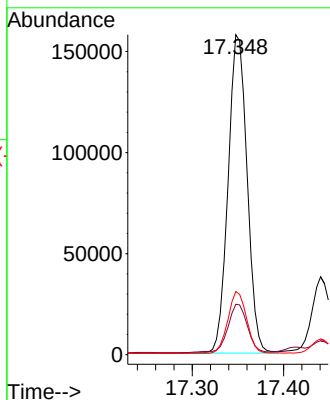
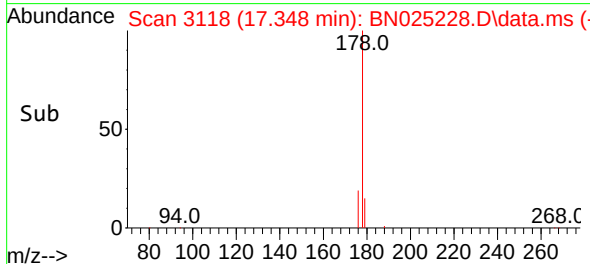
Instrument :
BNA_N
ClientSampleId :
EW931DL



Tgt Ion:178 Resp: 227993
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.8 15.6 23.4

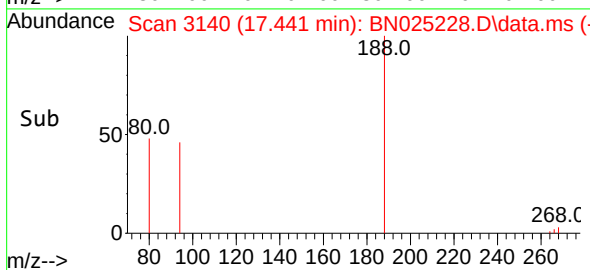
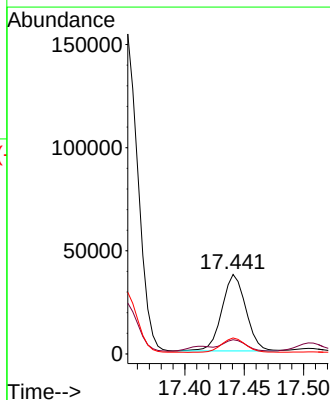
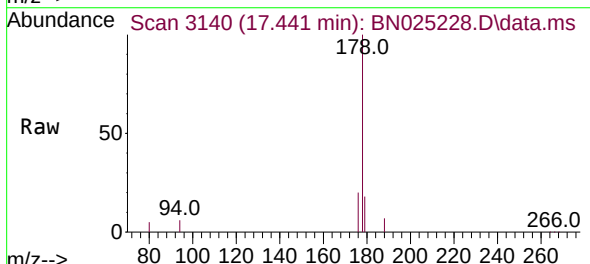
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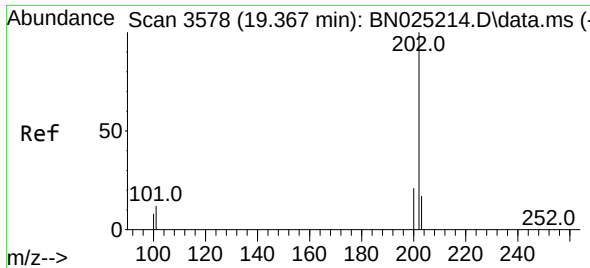
Reviewed By :Christian Giraldo 05/03/2023
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#16
Anthracene
Concen: 0.431 ng/ul
RT: 17.441 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

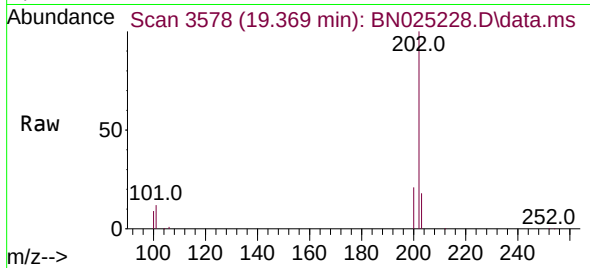
Tgt Ion:178 Resp: 51956
Ion Ratio Lower Upper
178 100
179 17.9 12.7 19.1
176 20.1 15.3 22.9





#19
Fluoranthene
Concen: 4.591 ng/u1
RT: 19.369 min Scan# 3578
Delta R.T. 0.001 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

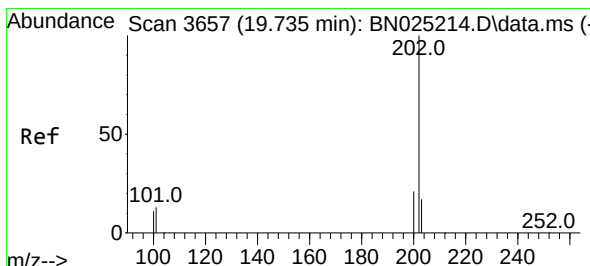
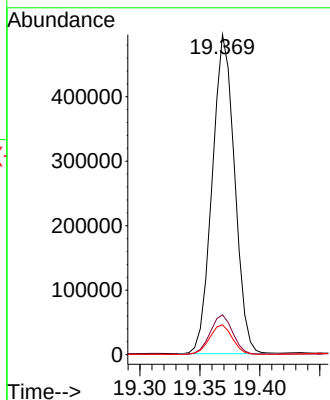
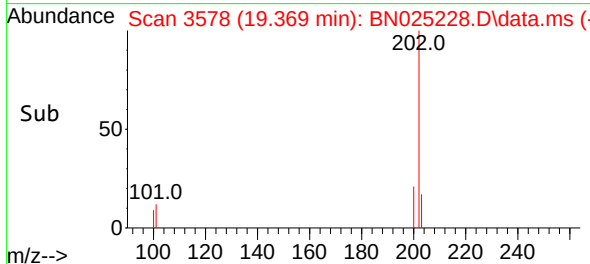
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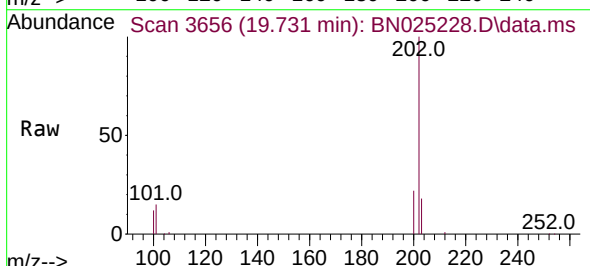
Tgt Ion:202 Resp: 643152
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.3 7.3 10.9

Manual Integrations
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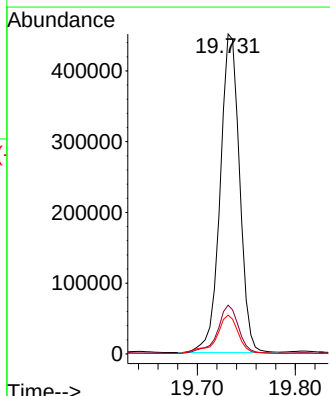
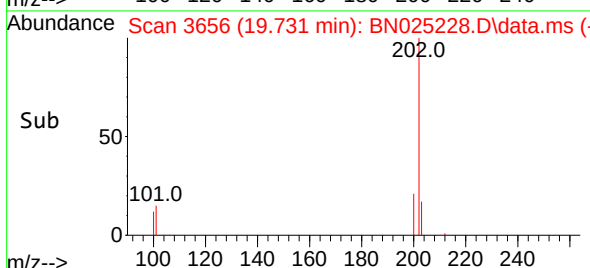
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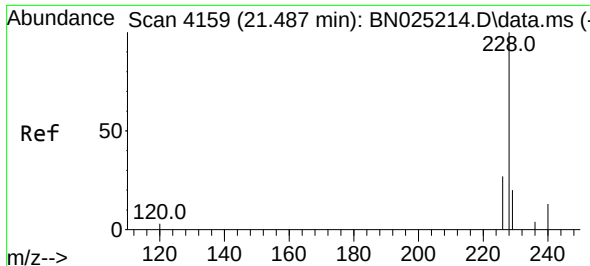


#20
Pyrene
Concen: 4.312 ng/u1
RT: 19.731 min Scan# 3656
Delta R.T. -0.003 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47



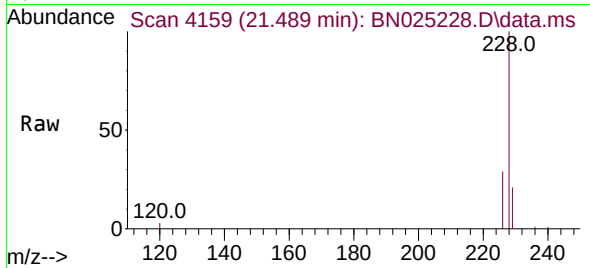
Tgt Ion:202 Resp: 620565
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 12.2 9.2 13.8





#21
Benzo(a)anthracene
Concen: 3.111 ng/u1
RT: 21.489 min Scan# 4159
Delta R.T. 0.001 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

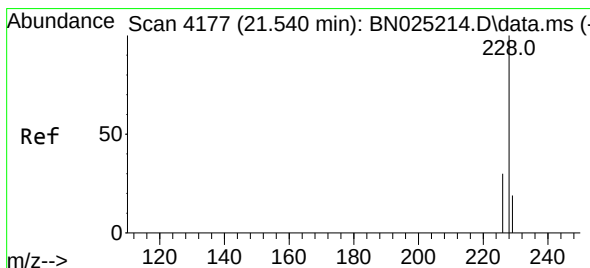
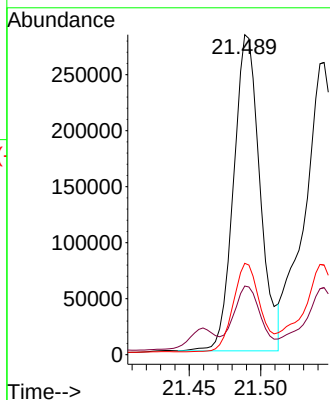
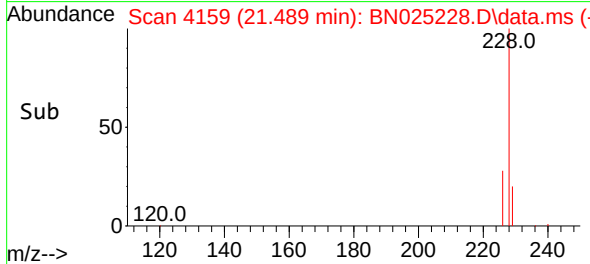
Instrument :
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Tgt Ion:228 Resp: 36310
Ion Ratio Lower Upper
228 100
229 21.5 15.6 23.4
226 28.5 22.1 33.1

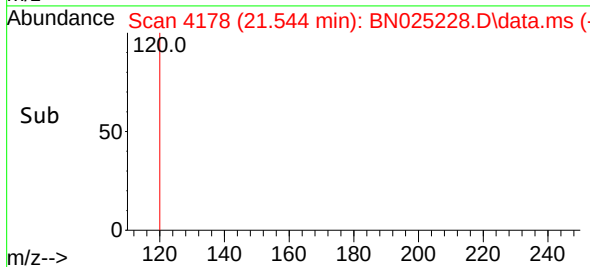
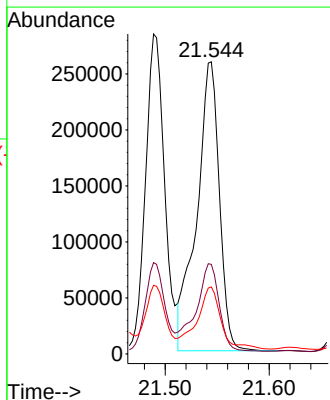
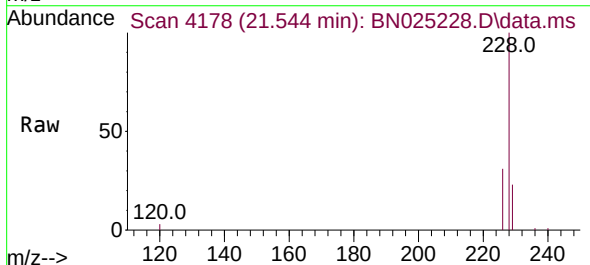
Manual Integrations
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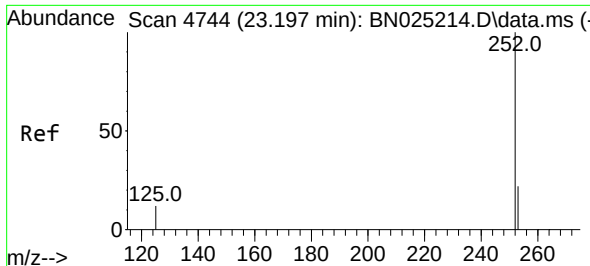
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#22
Chrysene
Concen: 3.066 ng/u1
RT: 21.544 min Scan# 4178
Delta R.T. 0.004 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

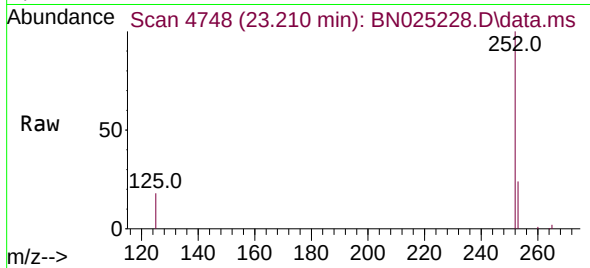
Tgt Ion:228 Resp: 390380
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.156 ng/ul m
RT: 23.210 min Scan# 4748
Delta R.T. 0.013 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

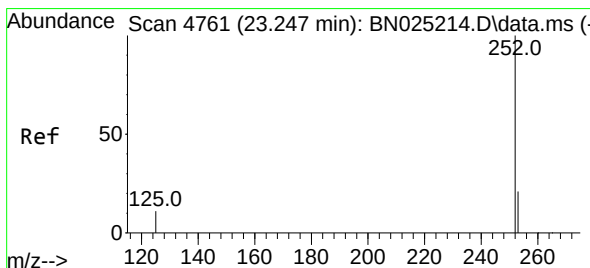
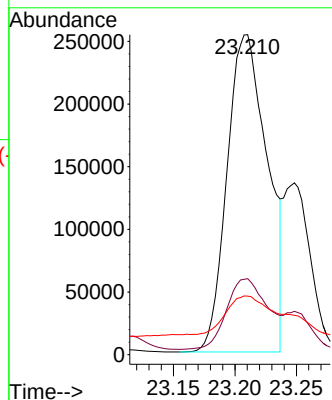
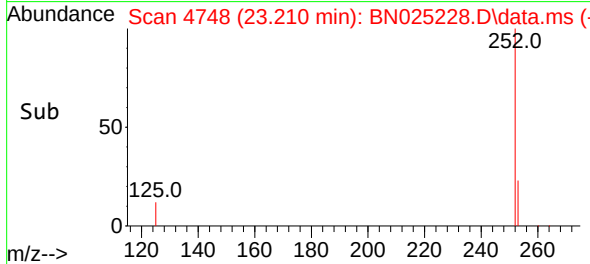
Instrument :
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Tgt Ion:252 Resp: 57758
Ion Ratio Lower Upper
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125 18.3 0.0 30.4

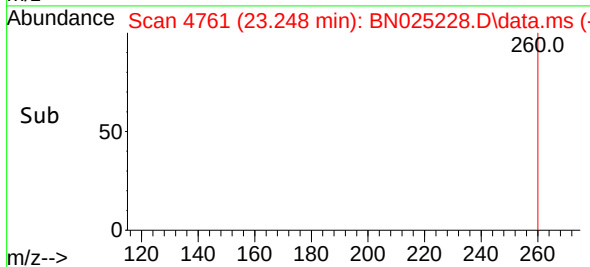
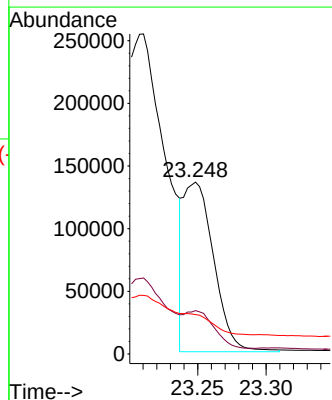
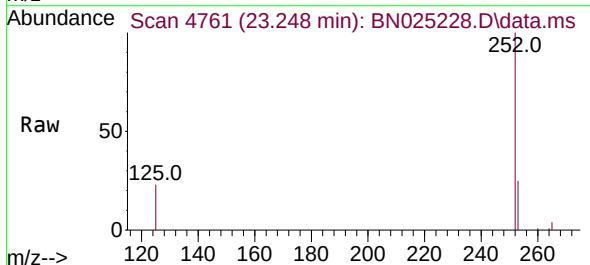
Manual Integrations
APPROVED

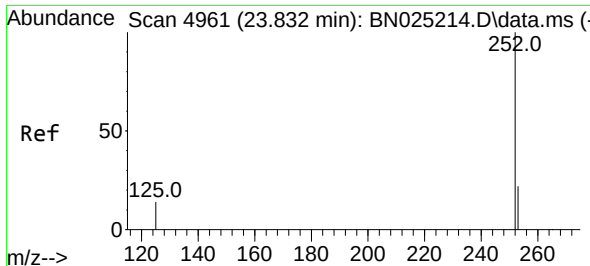
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#25
Benzo(k)fluoranthene
Concen: 1.549 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. 0.001 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

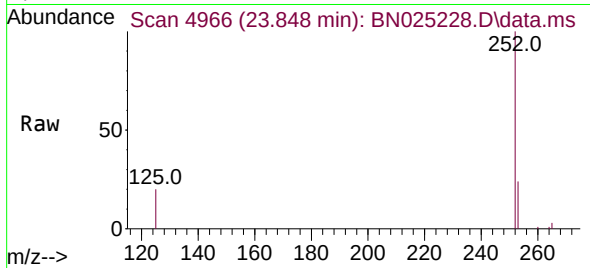
Tgt Ion:252 Resp: 207133
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.4
125 22.9 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 3.133 ng/ul
RT: 23.848 min Scan# 4961
Delta R.T. 0.016 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

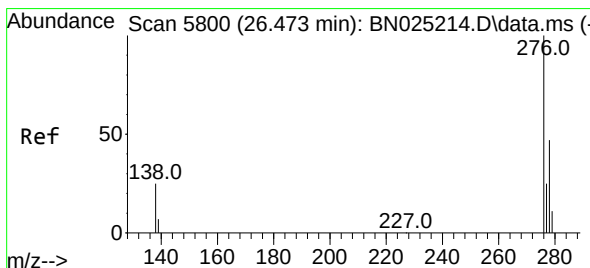
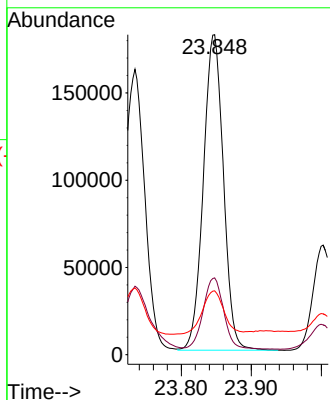
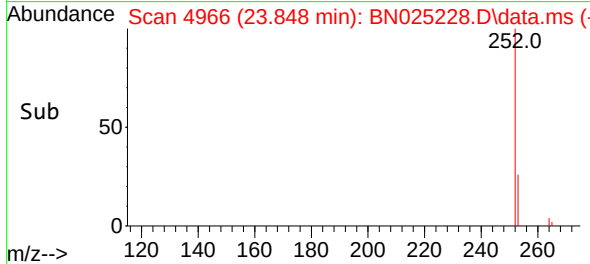
Instrument :
BNA_N
ClientSampleId :
EW931DL



Tgt Ion:252 Resp: 360289
Ion Ratio Lower Upper
252 100
253 24.0 21.4 32.2
125 20.0 14.6 22.0

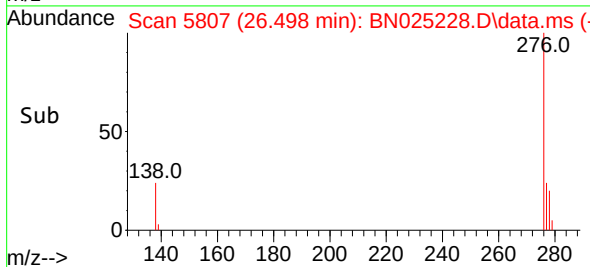
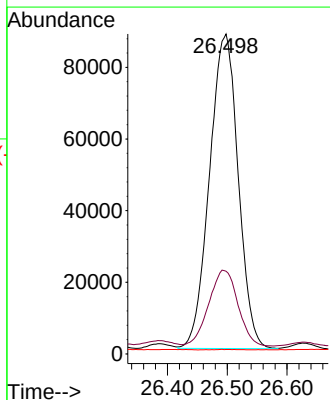
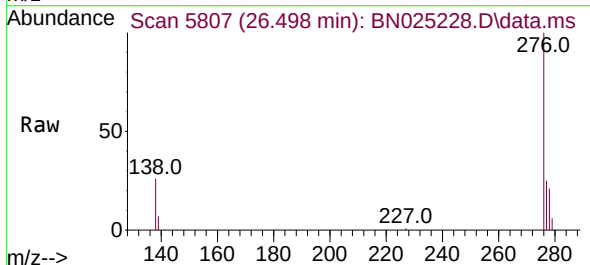
Manual Integrations
APPROVED

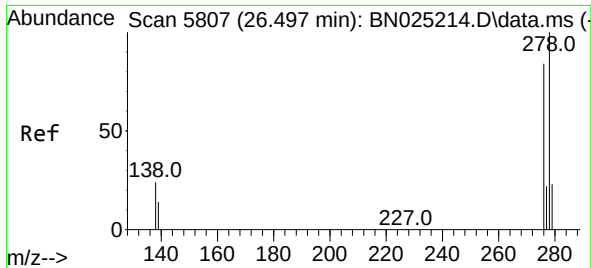
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.207 ng/ul
RT: 26.498 min Scan# 5807
Delta R.T. 0.025 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

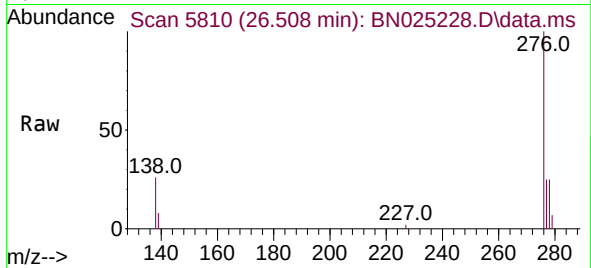
Tgt Ion:276 Resp: 292369
Ion Ratio Lower Upper
276 100
138 24.5 21.9 32.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.677 ng/ul
RT: 26.508 min Scan# 5810
Delta R.T. 0.011 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47

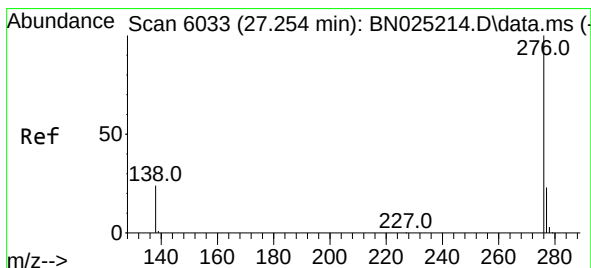
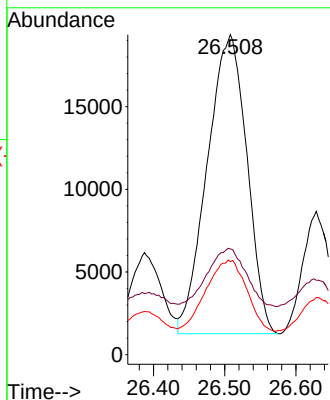
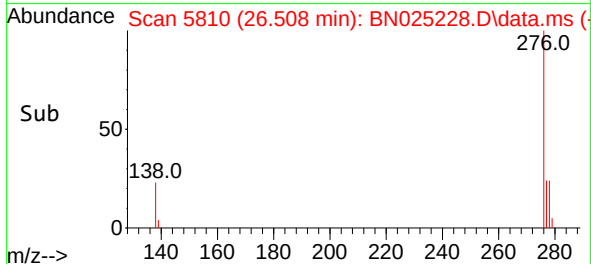
Instrument :
BNA_N
ClientSampleId :
EW931DL



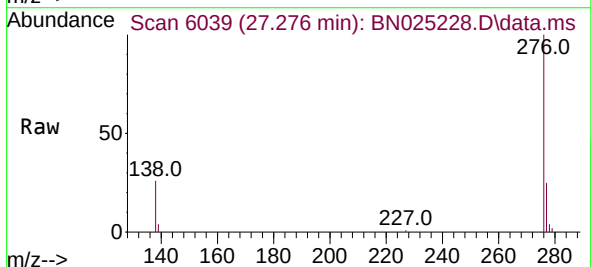
Tgt Ion:278 Resp: 70019
Ion Ratio Lower Upper
278 100
139 33.0 17.0 25.6
279 29.1 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#29
Benzo(g,h,i)perylene
Concen: 2.542 ng/ul
RT: 27.276 min Scan# 6039
Delta R.T. 0.022 min
Lab File: BN025228.D
Acq: 02 May 2023 19:47



Tgt Ion:276 Resp: 286371
Ion Ratio Lower Upper
276 100
138 26.3 20.3 30.5
277 24.7 19.8 29.6

